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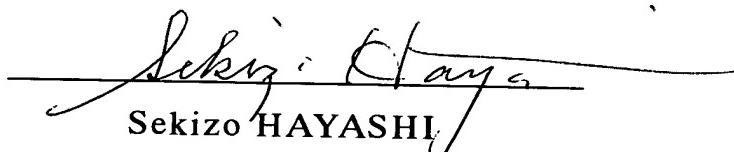
Declaration

I, Sekizo HAYASHI, a national of Japan, c/o Asamura Patent Office of 331-340, New Otemachi Building, 2-1, Otemachi-2-chome, Chiyoda-ku, Tokyo, Japan do hereby solemnly and sincerely declare:-

- 1) THAT I am well acquainted with the Japanese language and English language, and
- 2) THAT the attached is a full, true, accurate and faithful translation into the English language made by me of Japanese Text of the U.S. Serial No. 09/698,168 filed on October 30, 2000.

The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001, of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 23rd day of February, 2001.

  
Sekizo HAYASHI  
Patent Attorney

E5566-01

(4)

PTO/SB/106(8-96)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書



下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR DEVICE

上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

The specification of which is attached hereto unless the following box is checked:

月 日に提出され、米国出願番号または特許協定条約国際出願番号を \_\_\_\_\_ とし、  
(該当する場合) \_\_\_\_\_ に訂正されました。

was filed on October 30, 2000  
as United States Application Number or  
PCT International Application Number  
09/698,168 and was amended on  
\_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

E5566-01  
(半)

## Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a) - (d)項又は365条(b)項に基き下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示している。

### Prior Foreign Application(s)

#### 外国での先行出願

<u>2000-134213</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u>2000-134215</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u>11-307986</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)

私は、第35編米国法典119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed  
優先権主張なし

<u>28/April/2000</u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u>28/April/2000</u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u>29/October/1999</u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Application No.) (出願番号)	(Filing Date) (出願日)
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(Status: Patented, Pending, Abandoned)  
(現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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## Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

Donald R. Antonelli, Reg. No. 20,296; David T. Terry, Reg. No. 20,178; Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973 and Carl I. Brundidge, Reg. No. 29,621

### 書類送付先

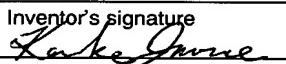
### Send Correspondence to:

Antonelli, Terry, Stout & Kraus, LLP  
Suite 1800  
1300 North Seventeenth Street  
Arlington, Virginia 22209

### 直接電話連絡先： (氏名及び電話番号)

### Direct Telephone Calls to: (name and telephone number)

Telephone: (703) 312-6600  
Fax: (703) 312-6666

唯一または第一発明者	Full name of sole or first inventor Kosuke INOUE	
発明者の署名	日付	Inventor's signature
住所	Date  Jan 29, 2001	
国籍	Residence Fujisawa, Japan	
私書箱	Citizenship Japan	
	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第二以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for second and subsequent joint inventors.)

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第二共同発明者	Full name of second joint inventor, if any	
	Hiroyuki TENMEI	
第二共同発明者の署名	日付	Second inventor's signature Date
		Hiroyuki Tenmei January 22, 2001
住所	Residence	
	Yokohama, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第三共同発明者	Full name of third joint inventor, if any	
	Yoshihide YAMAGUCHI	
第三共同発明者の署名	日付	Third inventor's signature Date
		Toshihide Yamaguchi January 16, 2001
住所	Residence	
	Fujisawa, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第四共同発明者	Full name of fourth joint inventor, if any	
	Noriyuki OROKU	
第四共同発明者の署名	日付	Fourth inventor's signature Date
		Noriyuki Oroku Jan. 26, 2001
住所	Residence	
	Yokohama, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第五共同発明者	Full name of fifth joint inventor, if any	
	Hiroshi HOZOJI	
第五共同発明者の署名	日付	Fifth inventor's signature Date
		Hiroshi Hozoji January 16, 2001
住所	Residence	
	Yokohama, Japan	
国籍	Citizenship	
	Japan	
私書箱	Post Office Address	
	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
(第六以降の共同発明者についても同様に記載し、署名をすること)		
(Supply similar information and signature for sixth and subsequent joint inventors.)		

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第六共同発明者	Full name of sixth joint inventor, if any Shigeharu TSUNODA	
第六共同発明者の署名	日付	Sixth inventor's signature Date <i>Shigeharu Tsunoda</i> 1/29/01
住所	Residence Fujisawa, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第七共同発明者	Full name of seventh joint inventor, if any Madoka MINAGAWA	
第七共同発明者の署名	日付	Seventh inventor's signature Date <i>Madoka Minagawa</i> Jan 24, 2001
住所	Residence Ebina, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第八共同発明者	Full name of eighth joint inventor, if any Naoya KANDA	
第八共同発明者の署名	日付	Eighth inventor's signature Date <i>Naoya Kanda</i> January 16, 2001
住所	Residence Fujisawa, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第九共同発明者	Full name of ninth joint inventor, if any Ichiro ANJO	
第九共同発明者の署名	日付	Ninth inventor's signature Date <i>Ichiro Anjo</i> Jan. 18. 2001
住所	Residence Tokyo, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第十以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for tenth and subsequent joint inventors.)

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第十共同発明者	Full name of tenth joint inventor, if any Asao Nishimura	
第十共同発明者の署名	日付	Tenth inventor's signature Date <i>asao nishimura</i> January 19, 2001
住所	Residence Tokyo, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第十一共同発明者	Full name of eleventh joint inventor, if any Akira YAJIMA	
第十一共同発明者の署名	日付	Eleventh inventor's signature Date <i>Akira Yajima</i> January 31, 2001
住所	Residence Ebina, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第十二共同発明者	Full name of twelfth joint inventor, if any Kenji UJIIIE	
第十二共同発明者の署名	日付	Twelfth inventor's signature Date <i>Kenji Ujiiie</i> Jan. 19. 2001
住所	Residence Tokyo, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第十三共同発明者	Full name of thirteenth joint inventor, if any	
第十三共同発明者の署名	日付	Thirteenth inventor's signature Date
住所	Residence	
国籍	Citizenship	
私書箱	Post Office Address	

(第十四以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for fourteenth and subsequent joint inventors.)